

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
EFFECTIVE DATE:	05/21/2005
CONVEYING PARTY DATA	
Name	Execution Date
Cisco Systems, Inc.	12/14/2005
RECEIVING PARTY DATA	
Name:	Cisco Technology, Inc.
Street Address:	170 West Tasman Drive
City:	San Jose
State/Country:	CALIFORNIA
Postal Code:	95134-1706
PROPERTY NUMBERS Total: 11	
Property Type	Number
Application Number:	60406834
Application Number:	60406835
Application Number:	10650363
Application Number:	10650364
Application Number:	60438847
Application Number:	10755048
Application Number:	10755188
PCT Number:	US0327518
PCT Number:	US0327292
PCT Number:	US0400435
PCT Number:	US0400409
CORRESPONDENCE DATA	
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REEL: 017128 FRAME: 0114

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US 0400409
CH 5440 00

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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VIHANA ATA ASSIGNMENT

NAME OF SUBMITTER:

Michael J. Ritter

Total Attachments: 3

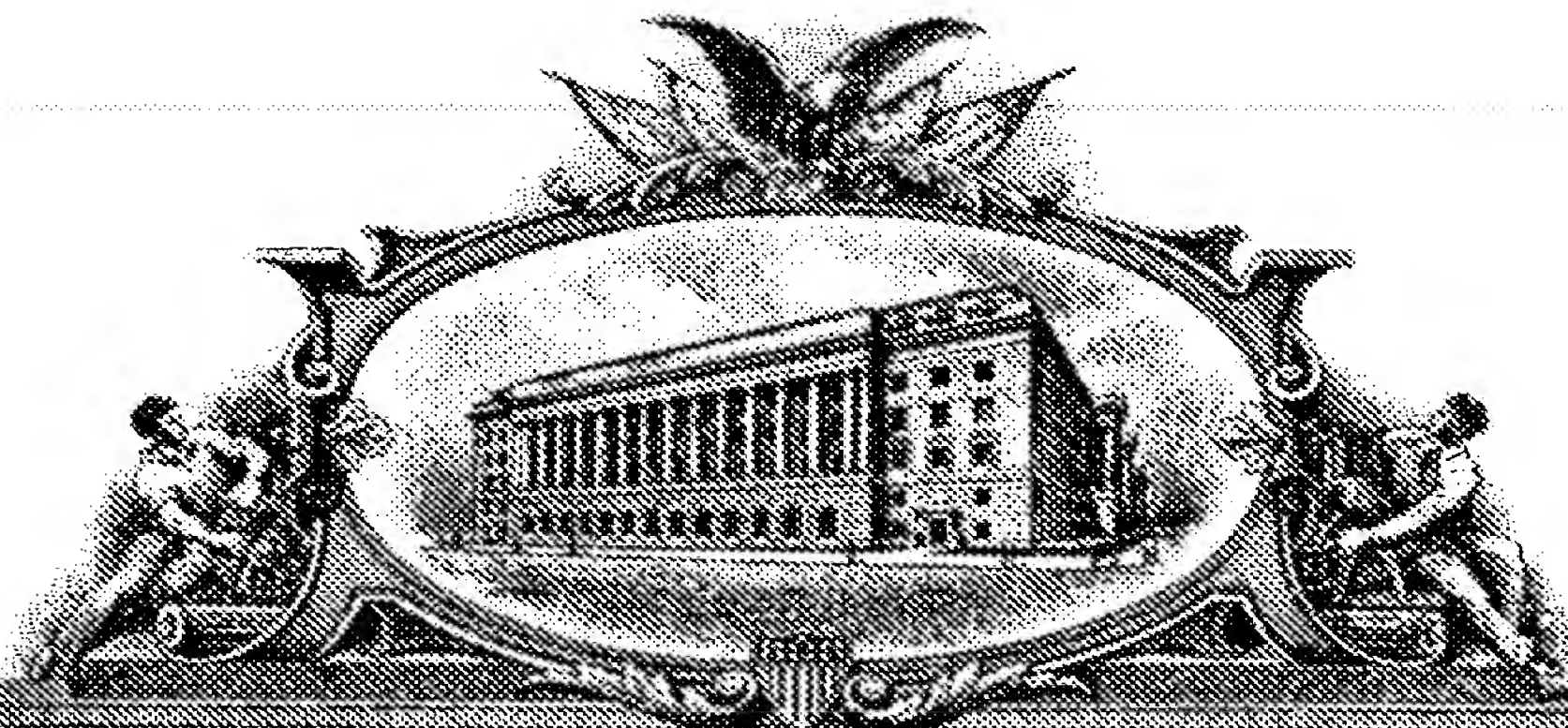
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THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE

United States Patent and Trademark Office

November 07, 2007

THIS IS TO CERTIFY THAT ANNEXED IS A TRUE COPY FROM THE
RECORDS OF THIS OFFICE OF A DOCUMENT RECORDED ON
FEBRUARY 06, 2006.

By Authority of the

Under Secretary of Commerce for Intellectual Property
and Director of the United States Patent and Trademark Office



N. Williams
N. WILLIAMS

Certifying Officer

**EXHIBIT A
TO THE ASSET TRANSFER AGREEMENT**

PATENT APPLICATION ASSIGNMENT

This Patent Application Assignment (the "**Assignment**") is entered into effective as of May 21, 2005 by Cisco Systems, Inc., a California corporation ("**Cisco**") and Cisco Technology, Inc., a California corporation ("**CTI**").

WHEREAS, pursuant to that certain Asset Transfer Agreement effective as of May 21, 2005 between Cisco and CTI (the "**Asset Transfer Agreement**"), certain intellectual property rights, including without limitation all rights, title and interest in and to Cisco Patents (defined below), were assigned to CTI.

NOW, THEREFORE, for good and valuable consideration, including the promises and mutual covenants set forth in the Asset Transfer Agreement, Cisco and CTI agree as follows:

CISCO PATENTS

"**Cisco Patents**" shall mean the filed U.S. patent applications and patent applications for which serial numbers have not yet been issued listed on Schedule 1 and any and all continuations, continuations-in-part, divisionals, provisionals, reexaminations, reissues, and extensions and any other applications or patents that claim priority therefrom.

ASSIGNMENT

Cisco has previously assigned and transferred, and CTI has previously received and accepted, all right, title and interest throughout the world in and to the Cisco Patents, and all rights, claims and privileges pertaining to the Cisco Patents, including without limitation: rights to the underlying inventions; all priority rights under all available international agreements, treaties and conventions for the protection of intellectual property in its various forms in every participating country; and the right to sue and recover for damages, profits and all other remedies for any past, present or future infringement of any of the foregoing.

Cisco hereby authorizes and requests the United States Commissioner of Patents and Trademarks and the relevant officials of foreign countries to implement this Assignment.

EXHIBIT A
TO THE ASSET TRANSFER AGREEMENT

IN WITNESS WHEREOF, Cisco and CTI have caused this Assignment to be entered into as of the Effective Date.

CISCO SYSTEMS, INC.

By: Name: David K. HollandTitle: Vice President, Treasurer

Date: _____

CISCO TECHNOLOGY, INC.

By: Robert F. JohnsonName: ROBERT F JOHNSONTitle: Vice PresidentDate: 12/14/05

**EXHIBIT A
TO THE ASSET TRANSFER AGREEMENT**

**SCHEDULE 1
TO PATENT APPLICATION ASSIGNMENT**

UNITED STATES PATENT APPLICATIONS

Filing Date	Serial No.	Title
28-Aug-2002	60/406,834	Programmable rule processing apparatus for conducting high speed contextual searches and characterizations of patterns in data
28-Aug-2002	60/406,835	Method and apparatus for efficient implementation and evaluation of state machines and programmable finite state automata
27-Aug-2003	10/650,363	Programmable rule processing apparatus for conducting high speed contextual searches and characterizations of patterns in data
27-Aug-2003	10/650,364	Method and apparatus for efficient implementation and evaluation of state machines and programmable finite state automata
09-Jan-2003	60/438,847	Method and apparatus for efficient analytics, stateful & contextual inspection, and the hierarchical application of rulesets to high speed data streams
08-Jan-2004	10/755,048	Methods and apparatuses for evaluation of regular expressions of arbitrary size
08-Jan-2004	10/755,188	Programmable processor apparatus integrating dedicated search registers and dedicated state machine registers with associated execution hardware to support rapid application of rulesets to data